(19) World Intellectual Property Organization

International Bureau



. A CONTRACTOR A CO

(43) International Publication Date 28 April 2005 (28.04.2005)

PCT

(10) International Publication Number WO 2005/038858 A2

(51) International Patent Classification7:

H01K 9/00

(21) International Application Number:

PCT/IB2004/052041

(22) International Filing Date: 11 October 2004 (11.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03103851.6

17 October 2003 (17.10.2003)

- (71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VAN GENNIP, Nicasius, Gerardus, Tielemanus [NL/DE]; c/o Philips Intellectual Property & Standards, Weisshausstr. 2, 52066 Aachen (DE). HENDRICX, Josephus, Christiaan, Maria [NL/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). WAGENAAR CACCIOLA, Giovanna [NL/DE]; c/o

Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

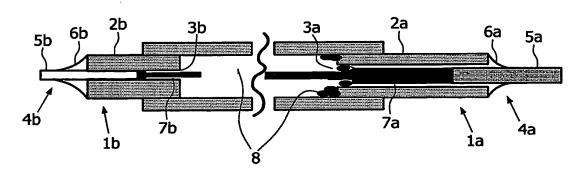
- (74) Agent: VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CREVICE-MINIMIZED METAL HALIDE BURNER WITH CERAMIC DISCHARGE VESSEL



(57) Abstract: The present invention relates to a metal halide burner with ceramic discharge vessel, a lamp with said burner, and a method for manufacturing said burner with one discharge vessel having two end parts (2a, 2b) each with one end opening (3a, 3b), a filling (8), two end closure constructions (4a, 4b) for closing said end openings (3a, 3b), and crevices (7a, 7b) between the end openings (3a, 3b) and the end closure constructions (4a, 4b), wherein the first end closure construction (4a) differs from said second end closure construction (4b) in at least shape, type of material of the components and/or arrangement of components; and/or the shape of said first crevice (7a) differs from the shape of said second crevice (7b); and/or the first end part (2a) differs from the second end part (2b) in shape, type of material of one component, and/or the arrangement of components; so that an asymmetric ceramic metal halide burner is achieved.